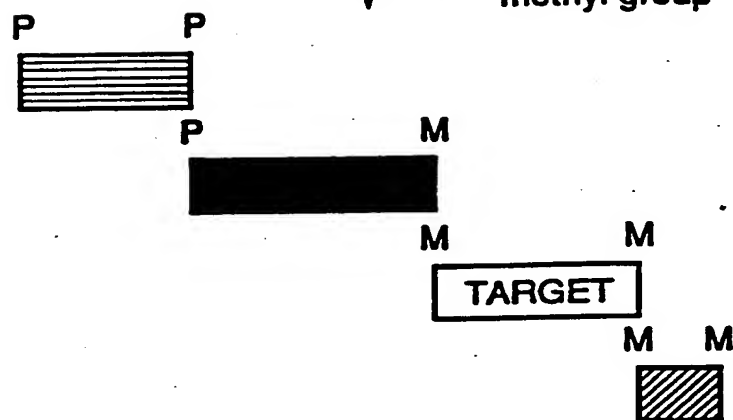


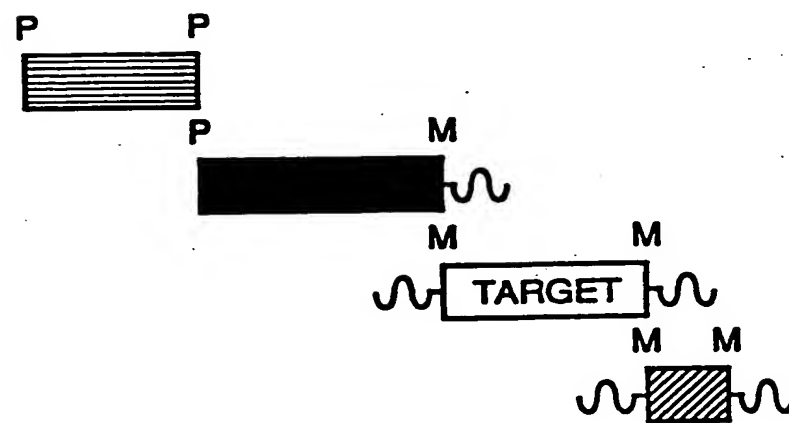
TESTER DNA



M = master enzyme
P = partner enzyme
Ⓜ = demethylated methyl group



m-linker (⌚)



PCR

m amplicon + target

FIG. 1A

DRIVER DNA



M = master enzyme
 P = partner enzyme
 (m) = methyl group

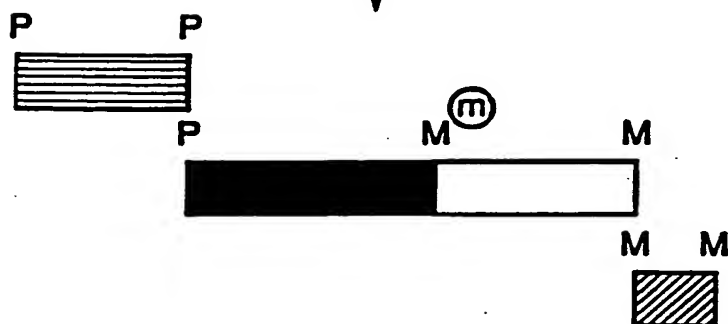


FIG. IB

m-linker (wavy line)



PCR

m amplicon

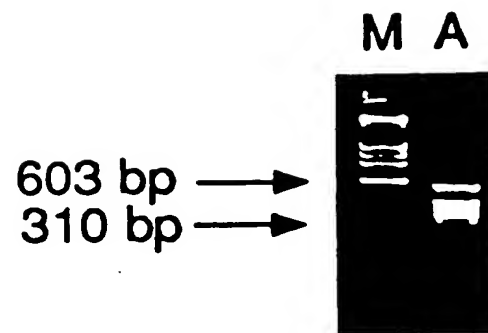


FIG. 2

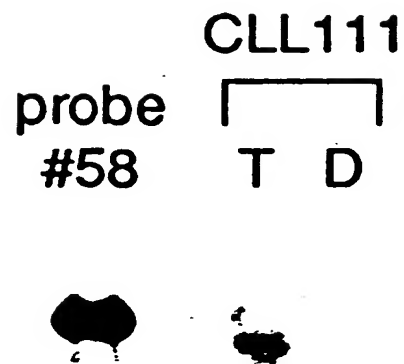


FIG. 3

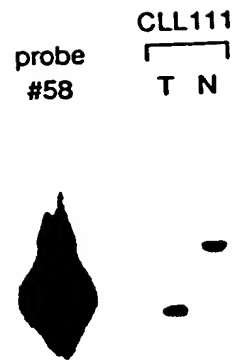


FIG. 4

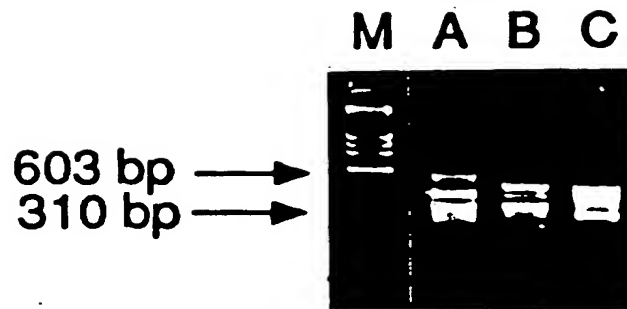


FIG. 5

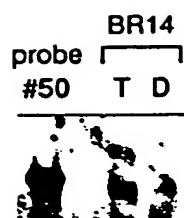


FIG. 6A

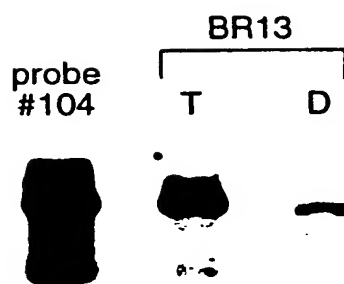


FIG. 6B

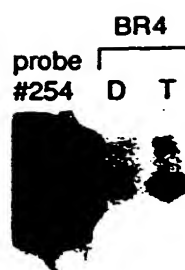


FIG. 6C

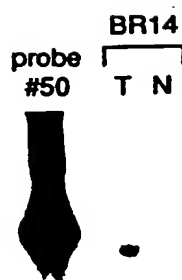


FIG. 7A

BR13
 probe T N
 #104



FIG. 7B

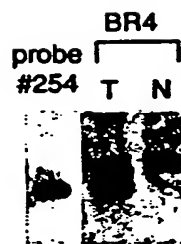


FIG. 7C

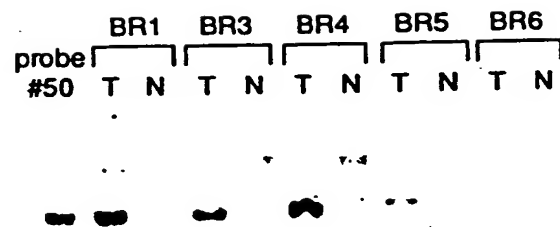


FIG. 8

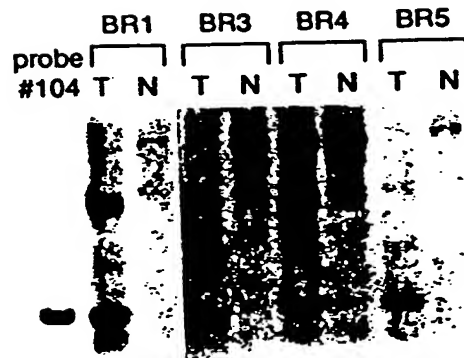


FIG. 9

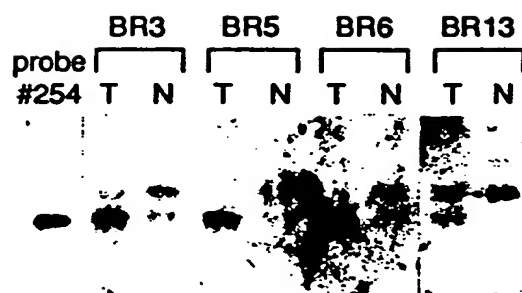


FIG. 10



FIG. 11

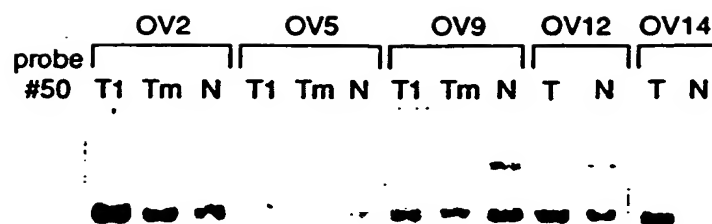


FIG. 12

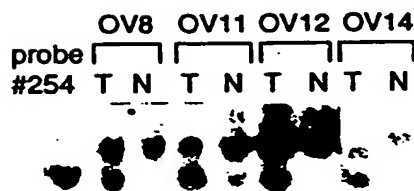


FIG. 13

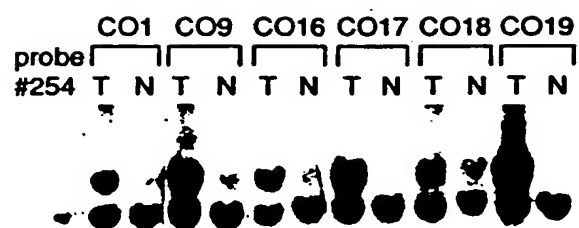


FIG. 14

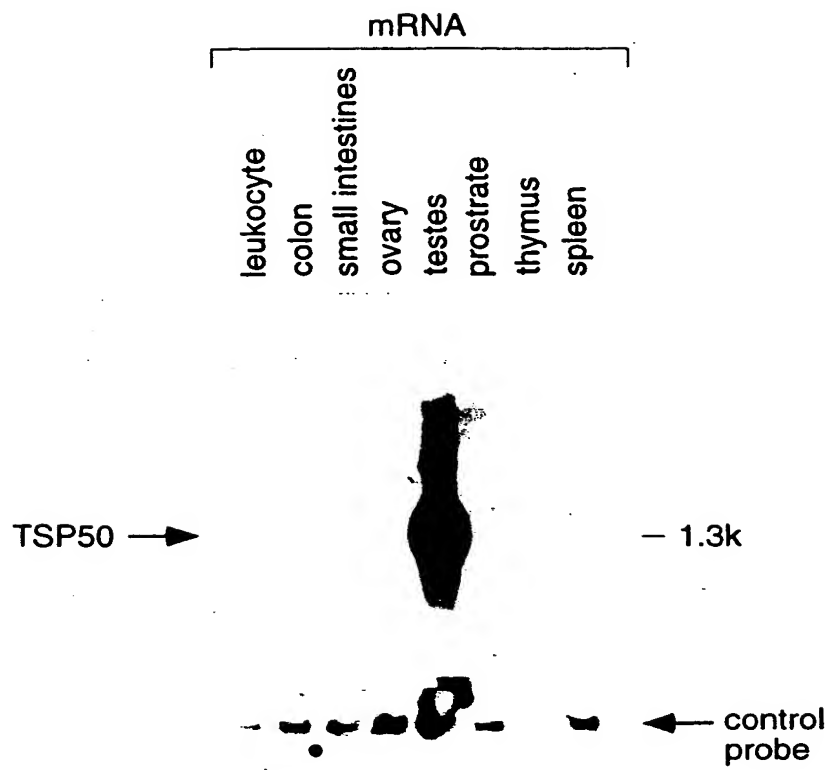


FIG. 15

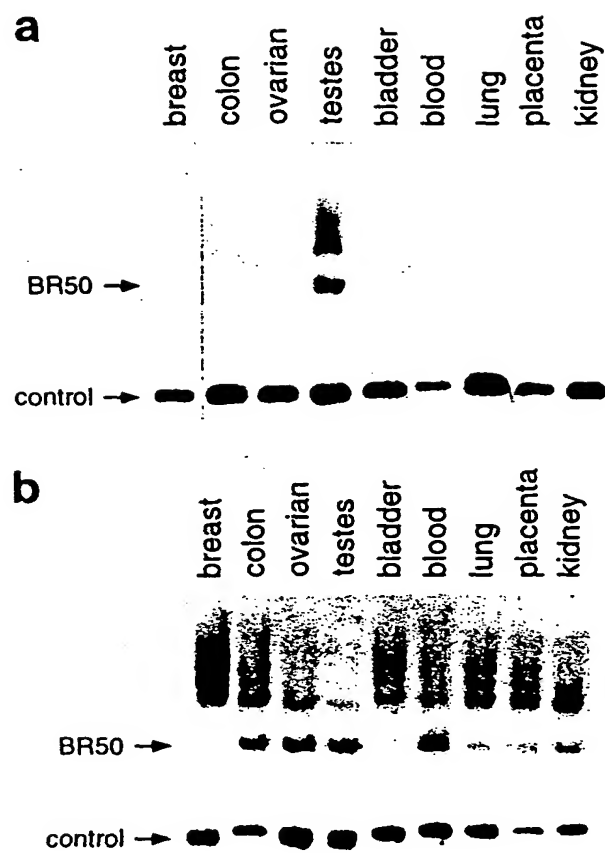


FIG. 16.

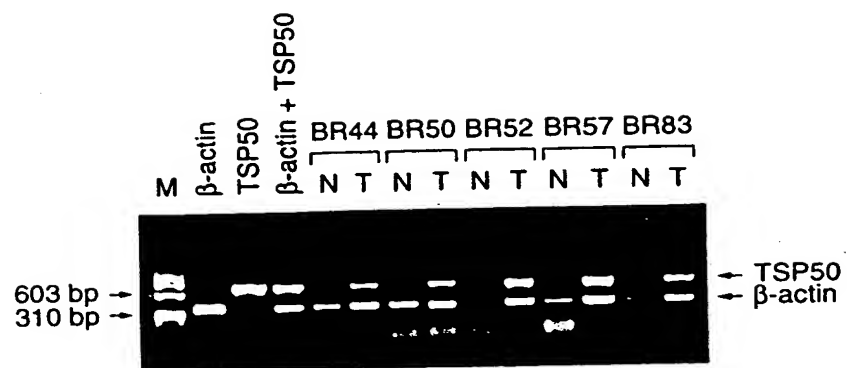


FIG. 17